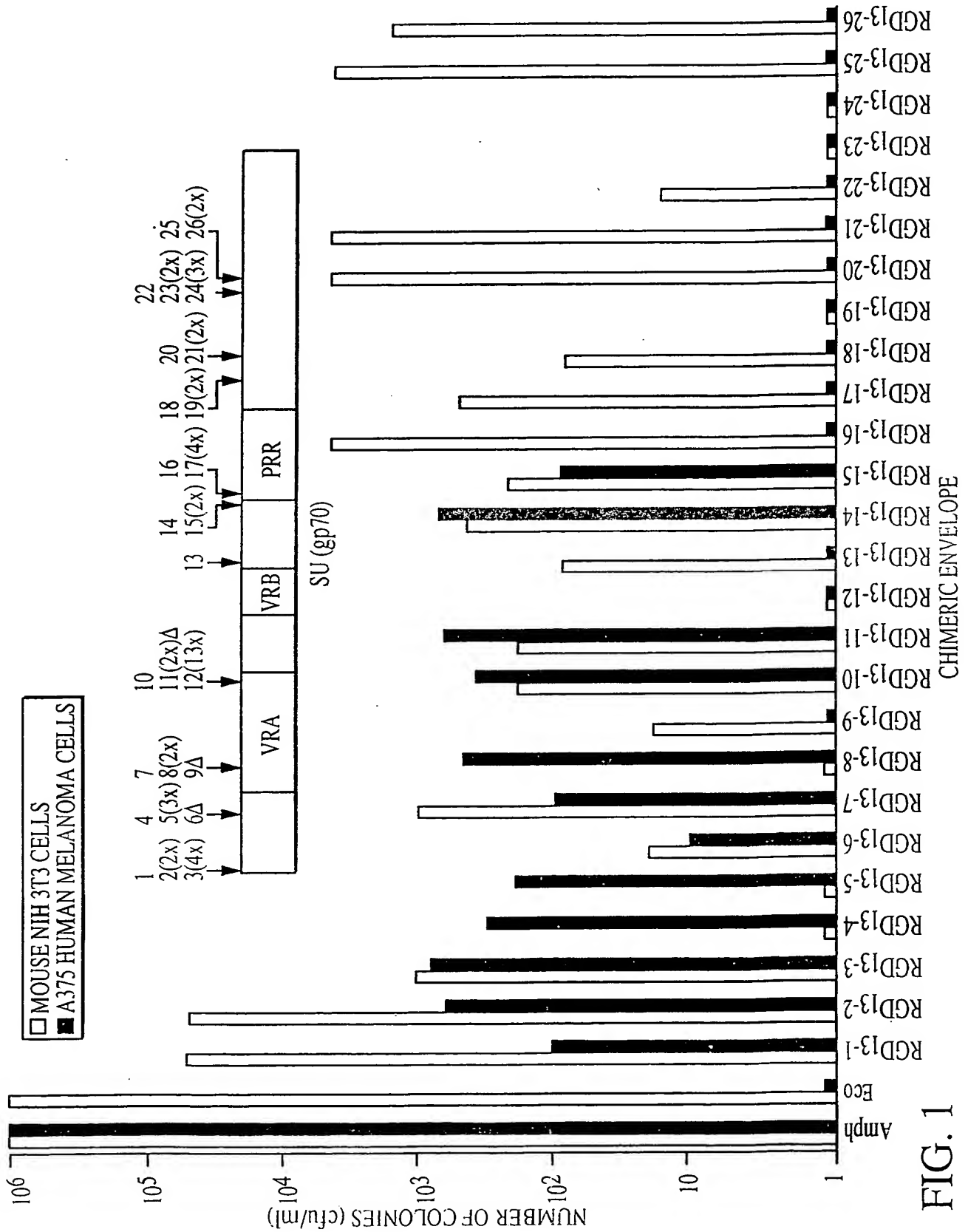


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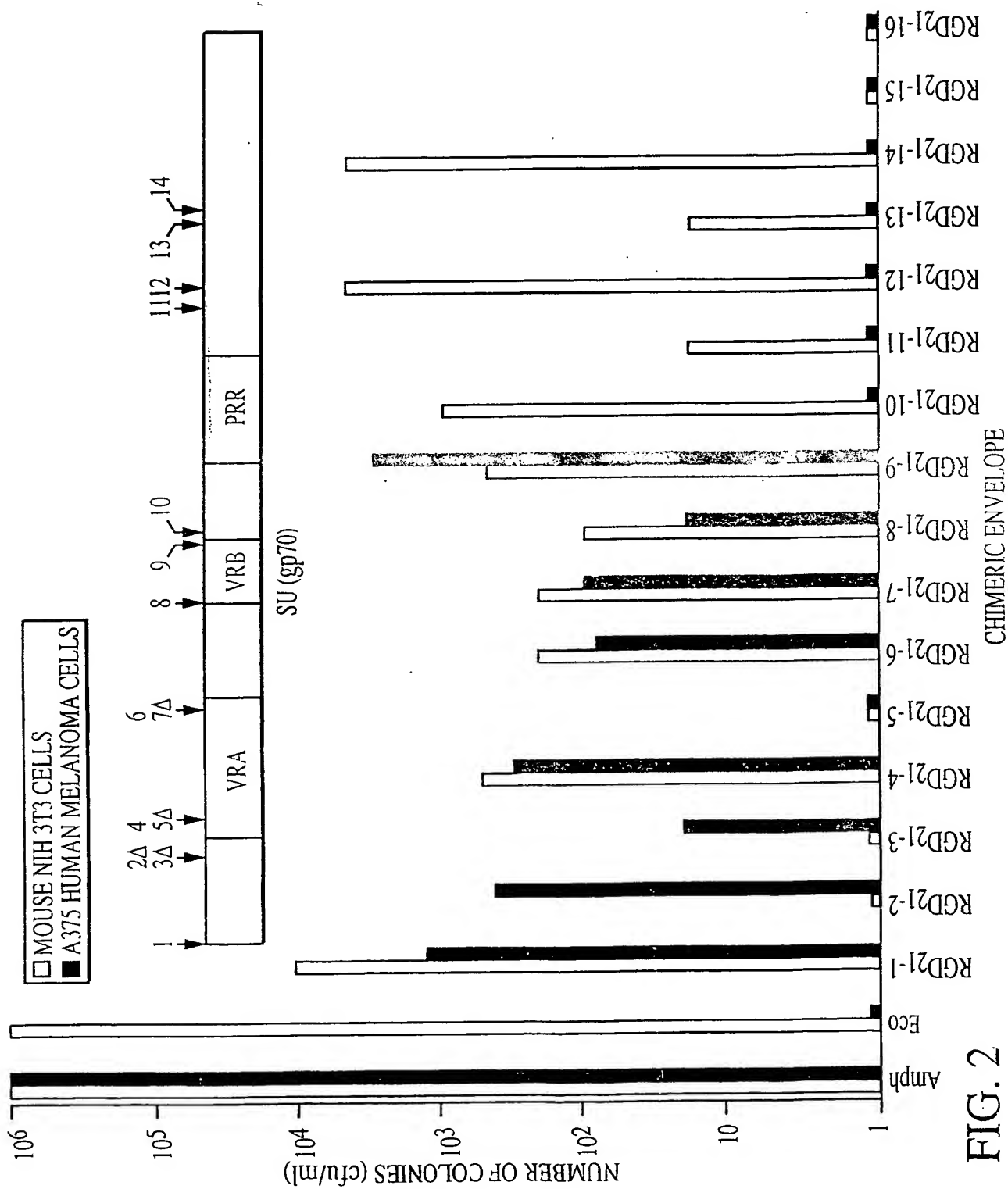


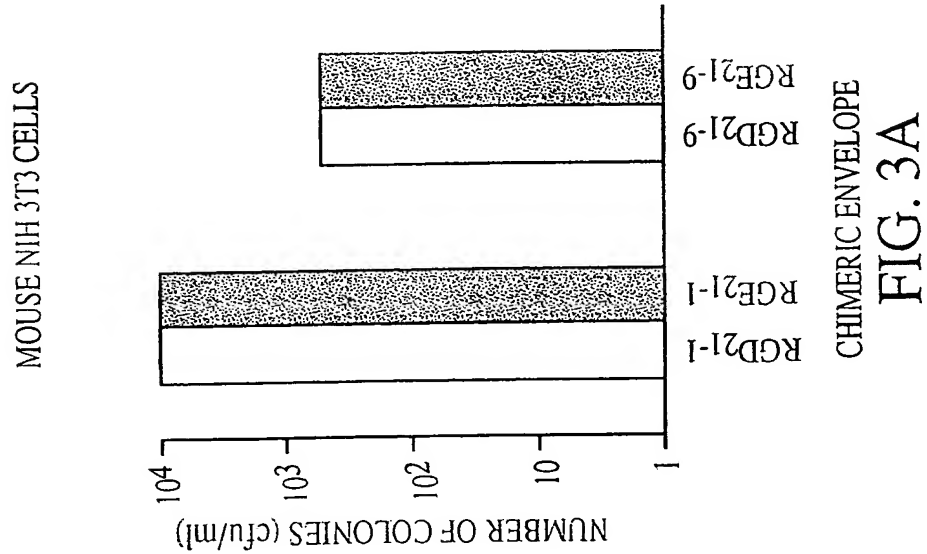
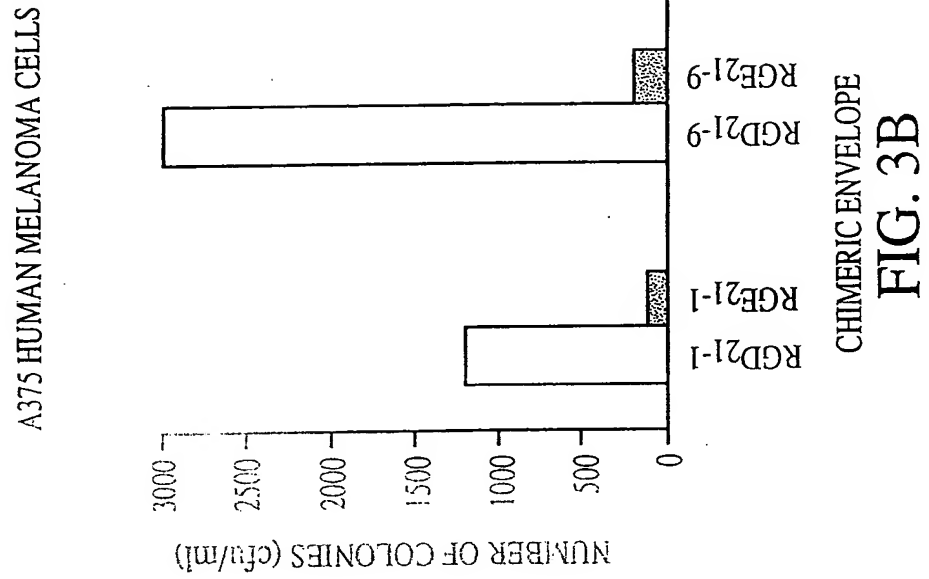
FIG. 2

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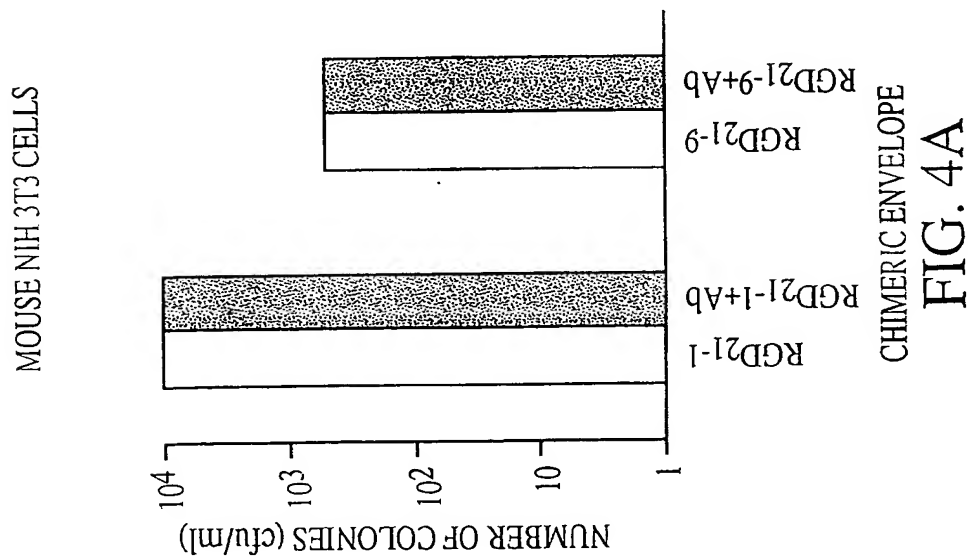
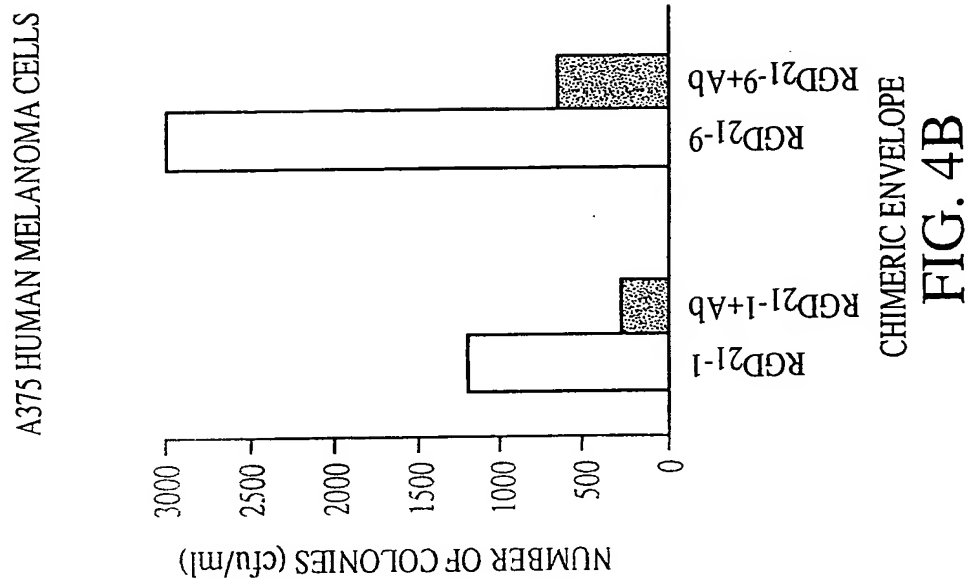


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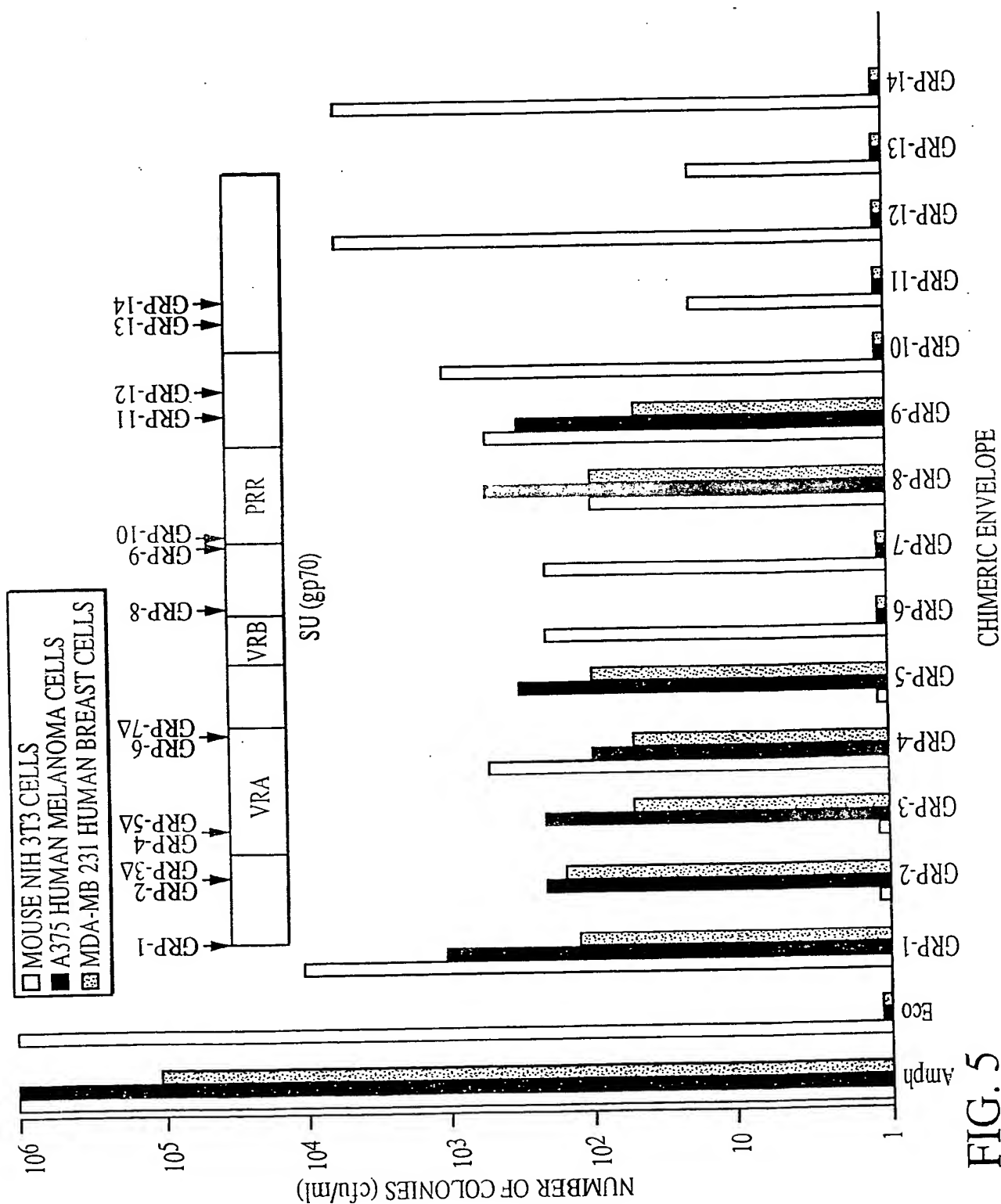
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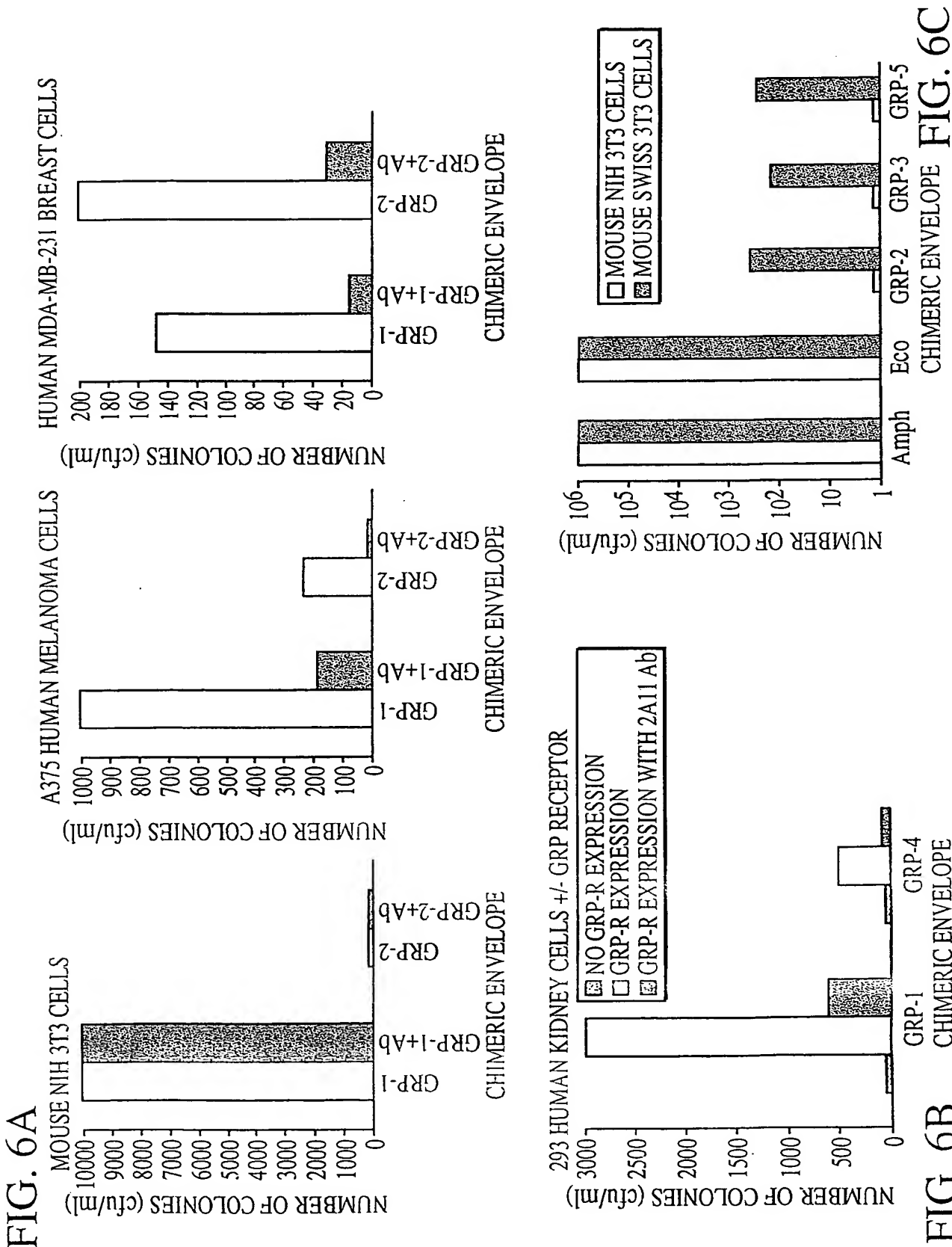


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FIG. 5

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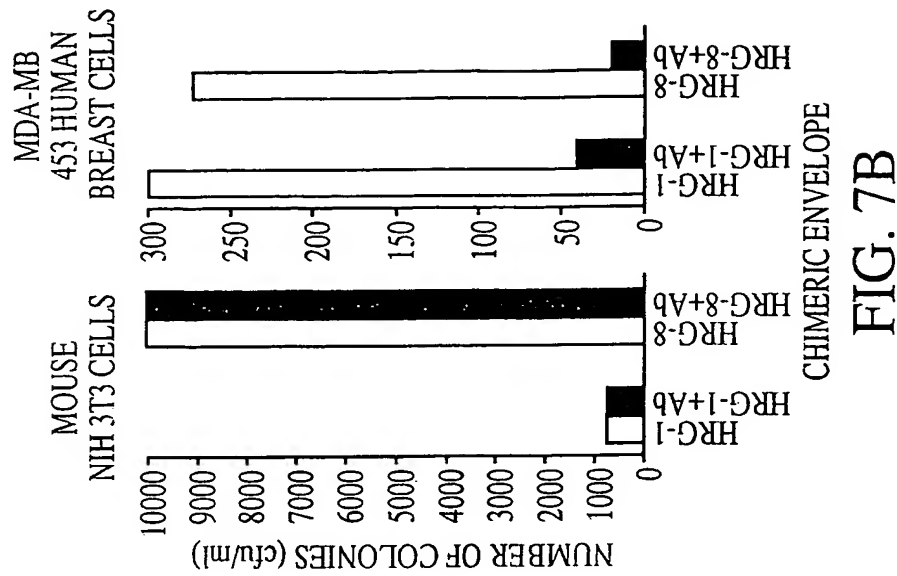
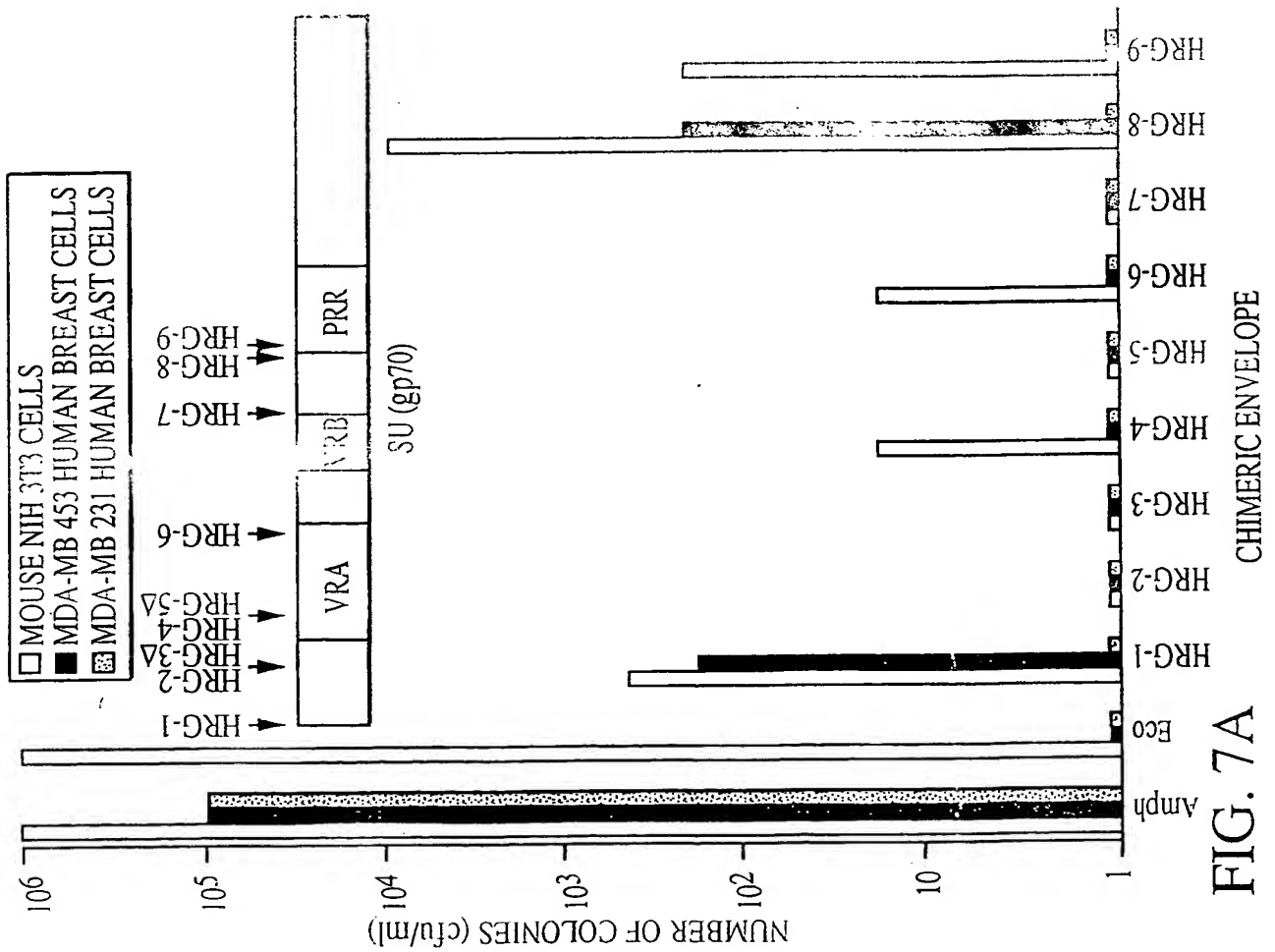


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Moloney Murine Leukemia Virus:— envelope protein (gp70), nucleic acid sequence (from complete MoMLV genome sequence; Genbank Accession No. NC_001501). The SU (extracellular domain) is coded by nucleotides 5612 – 6919 (pictured below). The transmembrane and cytoplasmic tail extends from nucleotides 6920-7507. There is a signal peptide sequence at the beginning of the SU, localizing the protein to the cell membrane.

5581 aattctctg atgctcagag gggtcagtag tgcctgccc ggctccagtc ctcatcaagt
5641 ctataatafc acctgggagg taaccaatgg agatcgggag acggtatggg caactctgg
5701 caaccaccct ctgtggacct ggtggcctga ccttacccca gatttatgta tgttagccca
5761 ccatggacca tcttattggg ggctagaata tcaatccct tttctctc ccccgggggc
5821 cccttgttc tcagggggca gcagcccagg ctgtccaga gactgcgaag aaccttaac
5881 ctccctcacc ctcggtgca aactgcctg gaacagactc aagctagacc agacaactca
5941 taaatcaaat gagggattt atgttgccc cgggccccac cgccccgag aatccaagtc
6001 atgtgggggt ccagactcct tctactgtgc ctattggggc tgtgagacaa ccggtagagc
6061 ttactggaag cctctctcat catgggatt catcacagta aacaacaatc tcacctctga
6121 ccaggctgtc caggtatgca aagataataa gtgtgcaac cccttagtta ttcggttac
6181 agacgccggg agacgggta ctctcggac cacaggacat tactggggct tacgtttgta
6241 tgtctcggga caagatccag ggcttacatt tgggatccga ctgataacc aaaatctagg
6301 accccggtc ccaatagggc caaacccct tctggcagac caacagccac tctccaagcc
6361 caaacctgtt aagtcgctt cagtcacaa accaccagt gggactctc tctccctac
6421 cccctctcag cccgggggaa cggaaaatag gctgctaac ttgtagacg gactctaca
6481 cccctctcag cccagagtc ctgacaaa ccaagagtgc tgggtgtgc tctgagggc
6541 accccctac tacgaagggg ttgcgtctt gggtaacct tccaaccata cctctgtcc
6601 agccaactgc tccgtggcct ccaaaccaa gtgacctg tccgatgta ccggacaggg
6661 actctgata ggagcagtc ccaaacaca tcaggccca tgaatacca ccagacaag
6721 cagtcgaggg tctattatc tagtgcccc tacaggtagc atgtgggct gtagtaccg
6781 gcttactcca tgcactcca ccaccatact gaaccttacc actgattatt gtgtctgt
6841 cgaactctgg ccaagagtc cctatcttc cccagctat gttacggcc tgttgagag
6901 atccaaccga caaaaagag aaccggtgc gtaacctg gcctattat tgggtggact
6961 aaccatgggg ggaattgccg ctggaatagg aacagggact actgctctaa tggccactca
7021 gcaattccag cagctccaag ccgcagtaca ggatgatctc agggagggtg aaaaatcaat
7081 ctctaaccta gaaaagtctc tcacttcct gtctgaagt gtccctacaga atcgaagggg
7141 cctagacttg ttattctaa aagaaggagg gctgtgtgt gctctaaaag aagaatgtg
7201 ctctatgcg gaccacacag gactagttag agacagcat gccaaattga gagagaggct
7261 taatcagaga cagaaactgt ttgagtcaac tcaaggatgg ttgagggac tgttaacag
7321 atcccttgg ttaccacct tgatatctac cattatggga cccctcatt tactctaat
7381 gattttgctc ttggaccct gcattctta tcgattagc caatttgta aagacaggat
7441 atcagtgtc caggctctag tttagctca acaatatcac cagctgaagc ctatagagta
7501 cgagccatag ataaaataaa agattttatt tagctccag aaaaaggggg gaatgaaaga

FIG. 8

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